

Job Title: CIVIL ENGINEER V - CONSULTANT EXPRESSWAY UNIT ENGINEER - IPR#46617

Agency : Department of Transportation

Closing Date/Time: 06/14/2023

Salary: \$6,445 - \$10,210 Monthly

Job Type: Salaried Full Time

County: Cook

Number of Vacancies: 2

Plan/BU: NR916 - Protech Teamsters

This position is a union position; therefore, provisions of the relevant collective bargaining agreement/labor contract apply to the filling of this position.

All applicants who want to be considered for this position MUST apply electronically through the illinois.jobs2web.com website. State of Illinois employees should click the link near the top left to apply through the SuccessFactors employee career portal.

Applications submitted via email or any paper manner (mail, fax, hand delivery) will not be considered.

***This position is covered by the Revolving Door Prohibition Policy.**

Agency Mission Statement:

The Illinois Department of Transportation is seeking to hire Consultant Expressway Unit Engineers.

The IDOT team works diligently to provide safe, cost-effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and protect our environment. We are problem solvers and leaders, constantly searching for innovations and improvements in support of our commitment to providing the best multimodal transportation system for Illinois.

Our team fosters a culture of inclusivity. We value diversity and hold ourselves to the highest ethical standards as we work together for a common purpose. Team members frequently collaborate with colleagues and others outside the department to best meet customer needs.

The department offers extensive training and career advancement opportunities. Employees also receive a robust benefit package including:

- Monday-Friday work schedule
- Flexible work schedules are available in many program areas.
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (10) Weeks paid Maternity/Paternity Leave
- Deferred Compensation Program and other pre-tax benefit programs (Medical/Daycare)
- Employees earn (12) paid Sick Days annually.
- New Employees earn (10) paid Vacation Days their first year of service and can earn up to (25) paid Vacation Days annually.
- Employees earn (3) paid Personal Days annually.
- (13-14) paid holidays annually (based on start date)
- Tuition Reimbursement
- Employee Assistance Program and/or mental health resources

We invite qualified applicants to apply to become part of our team. We are confident that you will take pride in serving Illinois and its residents and visitors.

Job Responsibilities

This position is accountable for coordinating evaluating and reviewing consultant activities associated with the preparation of contract plan documents for urban expressways, and interstates, to ensure that plans are completed as scheduled and reflect applicable policies and standards and sound engineering principles.

Annual # of Contracts: 10 - 20

Annual Construction Dollar Value of Contracts: \$50M - \$1B

Annual Fee Volume Negotiated (Consultant): \$3M - \$150M

This position reports to the Consultant Services Engineer. Reporting to this position are the Associate Consultant Project Engineers.

This position functions in an intensely developed urban area characterized by high traffic volume, a complex system of local roads and streets, and a large complicated, and interconnected network of utility facilities all of which complicate the task of rehabilitating expressways which meet the demands of highway safety and mobility.

The urban locale of these expressways makes traffic interruptions inconvenient, hazardous, and politically sensitive. Such expressway rehabilitation projects are carefully scrutinized by all facets of the media. Minimizing traffic delays, establishing detours and efficiently moving traffic through the construction area are problems that recur repeatedly and the construction staging must be carefully planned and clearly understood. Traffic volumes on the Cook County Expressways total fifteen million vehicle miles daily, with average ADT's exceeding 100,000 vehicles on some of the facilities. The intense land development and rapidly changing land use and the prevalence of unfavorable soil conditions and widespread manmade fill along the expressways complicates the implementation of drainage design and preparing final drainage plans all of which requires continuous supervision of consultant activities which the consultant may not fully understand and frequently requires detailed instruction and assistance.

Typical problems confronting this position includes clarifying design report findings and defining the scope of work limitations; ensuring that appropriate and applicable design features are included in consultant prepared plans; ensuring that the most effective staging of construction is provided so as to maintain satisfactory traffic flow and to optimize the use of construction manpower; developing the most effective traffic control procedures through the construction area so as to balance the demands of highway safety and mobility; recommending effective methods for informing and obtaining local governmental and public approval of proposed improvement projects; and developing and recommending appropriate features that must be incorporated into agreements where local governmental units are participating in highway improvement projects.

(Job Responsibilities continued)

The incumbent personally meets with selected consultants, prepares agreements, supplements, and extra work authorizations, reviews sub-contracts prepared by consultants, makes a final scope of work determination, and negotiates manhours and direct costs to finalize agreements. He/She reviews consultant work including technical audits conducted at consultant's worksite, ensures that schedules are maintained, and resolves any engineering problems relating to assigned projects and ensures prompt review of consultant plans by other District Bureaus.

The incumbent also reviews all final reports/documents to ensure that federal and state requirements have been met and determines acceptability of consultants work and prepares consultant evaluation.

The incumbent meets with consultants, contractors, sub-contractors, local government representatives and business groups, members of the political directorate and media representatives to describe project scope, construction staging and detour procedures.

The incumbent works in accordance with established federal and state guidelines; however, must exercise considerable originality and independent judgement in determining scope of consultant agreements and reviewing consultant plans.

The incumbent accomplishes his accountabilities through:

- Associate Consultant Expressway Engineer: who is responsible for coordinating, evaluating, and reviewing consultant activities in the preparation of contract plans, specifications, special provisions, and cost estimates for expressway rehabilitation improvements.

The incumbent must maintain communication with consultants in order to effectively supervised, review and evaluate the consultants' activities, and with district bureaus, the central office, local government units, federal agencies and private parties to assist in determining design features which may include justified variances from standards and obtaining project approval.

The effectiveness of this position is measured by the incumbent's ability to meet project deadlines and by obtaining contract documents without need for major corrections or revisions.

Principal Accountabilities

1. Ensures that consultant prepared contract documents are completed within framework of executed agreements and fees.
2. Provides guidance to consultant in the preparation of contract documents and ensures correct procedures are followed.
3. Ensures the prompt review of plans prepared by other district bureaus and outside agencies.
4. Ensures that projects are completed on schedule.
5. Evaluates consultant performance.
6. Ensures reasonableness of consultant charges and recommends appropriate action on consultant invoices.
7. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
8. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience
 - Current registration as a licensed Professional Engineer in the State of Illinois
 - Five years of experience in civil engineering
- Valid driver's license

Position Desirables

- Experience in supervising and managing in-house and consultant staff
- Working knowledge and understanding of the design and construction policies
- Excellent oral and written communication skills
- Ability to develop and maintain cooperative relationships with employees, agency officials, and the general public

Work Hours: 8:00 AM - 4:15 PM Monday-Friday (45-minute lunch)

Work Location: 201 Center Ct Schaumburg, IL 60196-3169

Office: Office of Highways Project Implementation/Region 1/District 1/Design

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Job Family: Transportation; Environmental & Natural Resources; Leadership & Management; Public Safety; Science, Technology, Engineering & Mathematics

APPLICATION INSTRUCTIONS

Use the "Apply" button at the top right or bottom right of this posting to begin the application process.

If you are not already signed in, you will be prompted to do so.

State employees should sign in to the career portal for State of Illinois employees – a link is available at the top left of the Illinois.jobs2web.com homepage in the blue ribbon.

Non-State employees should log in on the using the "View Profile" link in the top right of the Illinois.jobs2web.com homepage in the blue ribbon. If you have never before signed in, you will be prompted to create an account.

If you have questions about how to apply, please see the following resources:

State employees: Log in to the career portal for State employees and review the Internal Candidate Application

Job Aid

Non-State employees: on Illinois.jobs2web.com – click "Application Procedures" in the footer of every page of the website.

The main form of communication will be through email. Please check your "junk mail", "spam", or "other" folder for communication(s) regarding any submitted application(s). You may receive emails from the following addresses:

- donotreply@SIL-P1.ns2cloud.com
- systems@SIL-P1.ns2cloud.com